THIS IS NOT AN ORDER - THIS IS A REQUEST FOR SEALED BIDS ONLY P.R. NO: 205912 Date of Request **RETURN BID TO:** DELIVERY POINT: Or Date Publishing: 10/05/06 PROCUREMENT SECTION **ROOM 304M HEADQUARTERS DEPT. OF TRANSPORTATION AND DEVELOPMENT** LA DOTD MARINE VESSELS LISTED IN ADMINISTRATION Date Bid Due: 10/26/06 P.O. BOX 94245, CAPITOL STATION ATTACHED SPECIFICATIONS 1201 CAPITOL ACCESS ROAD, 70802. WITH LOCATIONS Time Bid Due: 9:45 A.M. **BATON ROUGE, LA 70804-9245** Time of Opening: 10:00 A.M. DANA WATLINGTON, DOTD PROCUREMENT DIRECTOR STOCK UNIT TOTAL **BRAND NAME DESCRIPTION** QUANTITY U.M. NUMBER **PRICE AMOUNT** AND NUMBER 001 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB SYSTEM FOR THE ACADIA, AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06. FURUNO FA150, OAE. FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICAITON 002 JB SYSTEM FOR THE IBERVILLE, AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE. FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION 003 1 JB SYSTEM FOR THE ST. CHARLES, AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE. 004 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB 1 SYSTEM FOR THE PRESCOTT FOSTER, AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE. 005 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB SYSTEM FOR THE ST. FRANCISVILLE, AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE 006 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB 1 SYSTEM FOR THE BJ RENAUD AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION 007 JB SYSTEM FOR THE ROSS A GRANDE AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE 800 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB SYSTEM FOR THE WF COOPER AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION 1 JB SYSTEM FOR THE ASCENSION AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE 010 FURNISH AND INSTALL (AIS) AUTOMATIC IDENTIFICATION JB SYSTEM FOR THE DW GRIFFITH AS PER THE ATTACHED SPECIFICATIONS DATED 09-21-06, FURUNO FA150, OAE VENDOR TO FURNISH AND INSTALL (10) SHIPBOARD UNIVERSAL AUTOMATIC IDENTIFICATION SYSTEMS, AIS, ON BOARD LA DOTD MARINE VESSELS AT THE LOCATIONS LISTED, IN ACCORDANCE WITH THE DOTD SPECIFICATIONS DATED 09-21-06 ONE WEEK ADVANCE NOTICE IS REQUIRED - PLEASE SEE ATTACHMENT FOR SPECIAL, CONDITIONS, INSTRUCTIONS AND DEFINITIONS. If you need additional information, please (225)379-1410 FAILURE TO COMPLY WITH SAME MAY DISQUALIFY YOUR BID OR QUOTATION call: **DEBBIE ROCK** FIRM: MAILING ADDRESS: BY: (signature) City: State: Zip: REMITTANCE TO BE MADE TO ADDRESS OTHER THAN ABOVE: (PRINT OR TYPE NAME) BY:

Street/Box _

Vendor FAX Number: **Email Address:**

PHONE #:

FED. ID. NUMBER:

__ City_____ State___ Zip ____

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Vendor FAX Number:

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Vendor FAX Number: Email Address:

FED. ID. NUMBER:

INSTRUCTIONS FOR SUBMITTING BIDS

- 1. Type or print in ink in blanks provided. Bids submitted in pencil will not be accepted.
- 2. Any corrections, erasures or other forms of alteration to unit price should be initialed by the bidder.'
- 3. Bid must be as per specification(s) furnished.
- 4. Bidders must comply with all instructions shown in Invitation to Bid. Failure to comply may result in rejection of bid.
- Bid should be submitted in unit of measure as requested. Bids submitted in a different unit of measure may not be considered for award.
- Unit price for each item must not exceed four digits to right of decimal point. Unit price submitted beyond four digits will be rounded off to nearest fourth digit.
- 7. Give complete information, attach letter if more space is needed
- 8. Bids must be quoted on a firm basis for a thirty day period from bid opening date.
- 9. Bid must be net and include all handling charges and transportation charges fully prepaid to destination unless delivery point indicates otherwise. Bids containing "Payment in Advance" will be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
- Bids must be submitted exclusive of all Federal and State Taxes unless specified otherwise in bid form. State Agencies are exempt from all State and Local Sales Taxes.
- 11. Complete column marked "Total Amount" which is computed by multiplying "Quantity" column by "Unit Price" column.
- 12. Indicate any discount in blank provided for "Terms". Cash discounts for less than thirty (30) days or less than one percent (1%) will be accepted, but will not be considered in determining low bidder.
- 13. In blank provided for "Delivery" indicate amount of time needed to complete delivery of entire order.
- 14. Signature of person completing bid must be submitted on each bid. A typed name without a signature WILL NOT be accepted.
- 15. Indicate Federal Identification Number or Social Security Number, whichever is applicable.
- 16. Return original bid to address shown. Make copy of bid for your records. Bidders are hereby advised that the U.S. Postal Service does not make delivery to our physical location.

Bids may be mailed through the U.S. Postal Service to our box at:

DOTD Procurement Section P. O. Box 94245, Capitol Station Room 304M, Headquarters Baton Rouge, LA 70804-9245

Bids may be delivered by hand or courier service to our physical location as follows:

DOTD Procurement Section Room 304M, Headquarters 1201 Capitol Access Road Baton Rouge, LA 70802.

Bidder is solely responsible for ensuring that it's courier service provider makes inside deliveries to our physical location. The DOTD Procurement Office is not responsible for any delays caused by the bidder's chosen means of bid delivery. Bidder is solely responsible for the timely delivery of its bid. Failure to meet the bid opening date and time shall result in rejection of the bid.

- 17. Bids must be submitted on D.O.T.D. bid form.
- 18. Deviations to the Department's Special Conditions and Specifications will not be allowed. Vendor's special conditions and terms which differ from the bid proposal will cause rejection of bid.
- 19. By signing the bid form, the bidder certifies that this bid is made without collusion or fraud.
- 20. In accordance with R.S. 39:1594 (Act 121), the person signing the bid must be: A current corporate officer, partnership member or other individual specifically authorized to submit a bid as reflected in the appropriate records on file with the Secretary of State: or An individual authorized to bind the vendor as reflected by an accompanying corporate resolution, certificate or affidavit; or An individual listed on the State of Louisiana Bidder's Application as authorized to execute bids.

Evidence of authority to submit the bid shall be required in accordance with R.S. 38:2212 (A)(1)(c) and/or R.S. 39:1594(C)(2)(d). By signing the bid, the bidder certifies compliance with the above.

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT JOHNNY B. BRADBERRY, SECRETARY DANA D. WATLINGTON DOTD PROCUREMENT DIRECTOR STREET ADDRESS: 1201 CAPITOL ACCESS ROAD, ROOM 304M MAILING ADDRESS: P.O. BOX 94245, BATON ROUGE, LA 70804-9245

(Rev. 05/10/05)

SPECIAL INSTRUCTIONS & CONDITIONS

- 1. PURPOSE AND INTENTION: The purpose and intention of this invitation to bid is to establish a contract between the Department and the successful bidder(s) to furnish supplies, materials, equipment and/or services in accordance with requirements described herein.
- 2. QUANTITIES: No specific quantities are given or guaranteed on Contracts. Only such quantities are required by the Department during the contractual period will be ordered.
- 3. BID DEADLINES: All Sealed Bids will be received by the Department in Room 304M, Headquarters Administration Building, 1201 Capitol Access Road, Baton Rouge, Louisiana until **9:45 a.m.** on the same date as shown on bid form. **All bids must be time and date stamped in the Procurement Section or it will be considered late**. No bids will be accepted after this time. At 10:00 a.m. of the same day, they shall be publicly opened and read in Room 304M, Headquarters Administration Building.

Request for Quotations must be received by 2:00 p.m. on DATE BID DUE as shown on bid form. All bids must be time and date stamped in the Procurement Section or it will be considered late. Bids received after 2:00 p.m. will not be accepted.

- 4. BID OPENING: Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined within 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Department during normal working hours. Written bid tabulations will **not** be furnished.
- 5. AWARD: The Department reserves the right to award items separately, by groups or on overall low bid basis to the lowest responsible and responsive bidder meeting the requirements and criteria set forth in the Invitation to Bid, taking into consideration the best interest of the Department. Award will be made without discrimination on grounds of race, color, or national origin. Minority business enterprises will be afforded full opportunity to submit bids.
- 6. TIE BIDS: In state vendors shall be given preferences in the case of tie bids.
- 7. CANCELLATION OF AWARD: The Department reserves the right to cancel any contract, in accordance with purchasing rules and regulations, for cause, including but not limited to, the following: (1) Failure to deliver within the time specified in the contract; (2) Failure of the product or service to meet specifications, conform to sample quality or to be delivered in good condition; (3) Misrepresentation by the contractor; (4) Fraud, collusion, conspiracy or other unlawful means of obtaining any contract with the State; (5) Conflict of contract provisions with constitutional or statutory provisions of State or Federal Law; (6) Any other breach of contract. Should the contractor find that due to increase in price or product availability, order cannot be filled, he is to submit to the DOTD Procurement Director a request for cancellation stating the reason for the request.
- 8. REJECTION OF BID: THE DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT RESERVES THE RIGHT TO REJECT ANY AND/OR ALL BIDS AND WAIVE ANY INFORMALITIES.
- 9. TAXES: EFFECTIVE SEPTEMBER 11, 1991, PURSUANT TO ACT 1029 OF THE 1991 REGULAR SESSION OF THE LEGISLATURE, THE STATE AND ANY OF ITS AGENCIES, BOARDS OR COMMISSIONS ARE **EXEMPT** FROM THE LOUISIANA STATE SALES/USE TAXES.
- 10. NEW PRODUCTS: Unless specifically called for in the solicitation, all products for purchase must be new, never previously used, and the current model and/or packaging. No remanufactured, demonstrator, used or irregular product will be considered for purchase unless otherwise specified in the solicitation. The manufacturer's standard warranty will apply unless otherwise specified in the solicitation.
- 11. BRANDS: UNLESS OTHERWISE SPECIFIED IN THE SOLICITATION, ANY MANUFACTURER'S NAME, TRADE NAME, BRAND NAME, OR CATALOG NUMBER USED IN THE SPECIFICATION IS FOR THE PURPOSE OF DESCRIBING THE STANDARD OF QUALITY, PERFORMANCE, AND CHARACTERISTICS DESIRED AND IS NOT INTENDED TO LIMIT OR RESTRICT COMPETITION.
- 12. ALTERNATE BIDS: IF ITEM(S) DOES NOT FULLY COMPLY WITH SPECIFICATIONS (INCLUDING BRAND AND/OR PRODUCT NUMBER), BIDDER MUST STATE IN WHAT RESPECT ITEM(S) DEVIATE. FAILURE TO NOTE EXCEPTIONS ON THE BID FORM WILL NOT RELIEVE THE SUCCESSFUL BIDDER(S) FROM SUPPLYING THE ACTUAL PRODUCTS REQUESTED.
- 13. DEFAULT OF CONTRACTOR: Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the Department has determined the contractor to be in default, the State reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
- 14. APPLICABLE LAW: All contracts shall be construed in accordance with and governed by the laws of the State of Louisiana.
- 15. SPECIAL ACCOMMODATION: Any "Qualified Individual with a Disability" as defined by the Americans with Disabilities Act who has submitted a bid and desires to attend the bid opening, must notify this office in writing no later than seven (7) days prior to the bid opening date of their need for special accommodations. If the request cannot be reasonably provided, the individual will be informed prior to bid opening.
- 16. INDEMNITY: Contractor agrees, upon receipt of written notice of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify, and hold harmless, the State, its officers, its agents and its employees from and against all claims and actions for bodily injury, death or property damages caused by the fault of the contractor, its officers, its agents, or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents, or its employees. However, the contractor shall have no obligations as set forth above with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the State, its officers, its agents or its employees.
- 17. EQUAL OPPORTUNITY CLAUSE: The Department of Transportation and Development and the State of Louisiana is an equal opportunity employer and looks to its contractors, subcontractors, vendors and suppliers to take affirmative action to affect this commitment in its operations. By submitting and signing this bid, bidder certifies that he agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, Federal Rehabilitation Act of 1973, as amended, the Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, The Age Act of 1975, and bidder agrees to abide by the requirements of the Americans with Disabilities Act of 1990. Bidder agrees not to discriminate in its employment practices and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sex, national origin, veteran status, political affiliation, or disabilities. Any act of discrimination committed by bidder, or failure to comply with these statutory obligations when applicable shall be grounds for termination of any contract entered into as a result of this proposal. Bidder agrees to keep informed of and comply with all Federal, State, and local laws, ordinances and regulations which affect his employees or prospective employees.

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT SPECIFICATION FOR MARINE VESSEL AUTOMATIC IDENTIFICATION SYSTEM

Description: This specification describes the minimum requirements for shipboard universal automatic identification systems, their delivery and installation onboard the LADOTD owned marine vessels at specified locations.

General Description: The Automatic Identification System is a shipboard Universal Transponder capable of exchanging navigation and ship data between own ship and other ships or coastal stations. The Automatic Identification System must comply with the requirements stated in 33 CFR 164.43 of the US Coast Guard Code of Federal Regulations.

Specification Requirements: The Automatic Identification System Shipboard Equipment system must consist of a 12 channel all-in-view Differential Global Positioning System (dGPS) receiver, Marine band Non-Directional Beacon receiver capable of receiving dGPS error correction messages, VHF-FM transceiver capable of Digital Selective Calling (DSC) on the designated DSC frequency and a control unit.

The AIS must have the following capabilities:

- -Use dGPS to sense the position of the vessel and determine the time of position—using Universal Coordinate Time (UTC)
- -Fully use the broadcast type 1,2,3,5,6,7,9 and 16 messages as specified in RTCM Recommended Standard for Differential NAVSTAR GPS Service
- -Achieve a position error (32.8 ft) 2 distance root mean square (2 drms) from the true North American Datum of 1983 (NAD 83) in the position information transmitted to a VTS.
- -Achieve a course error of less than 0.5 degree from true course information transmitted to a VTS.
- -achieve a speed error of less than 0.05 knots from true speed over ground in the speed information transmitted to a VTS.
- -Receive and comply with commands from a VTS as DSC messages on the designated DSC frequency.
- -Receive and comply with RTCM messages broadcast as minimum shift keying modulated medium frequency signals in the marine radiobeacon band, and supply the messages to the dGPS receiver.
- -Transmit the vessel's position, tagging with the UTC at position solution, course over ground, speed over ground, and Lloyd's identification number to a VTS.
- -Display a visual alarm to indicate to shipboard personnel when failure to receive or utilize the RTCM messages occurs.

- -Display a separate visual alarm which is triggered by a VTS utilizing a DSC message to indicate to shipboard personnel that the U.S. Coast Guard dGPS system cannot provide the required error correction messages
- -Display two RTCM type 16 messages, one of which must display the position error in the position error broadcast.

Equipment Features:

- -Display Unit: 12 24VDC, 3 1.5A
- -Transponder Unit: 12 24VDC, 7 3.5A
- -class A universal AIS complying with IMO MSC.74(69) Annex 3, A.694, ITU-R M.1371-1 and DSC ITU-R M.825
- -interfaces for radar and PC
- -Built-in GPS receiver for UTC synchronization and backup position fixing.
- -Heading information by GPS compass (SC50/SC110) or gyrocompass
- -bright LCD display
- -Comply with IMO MSC.74(69) Annex 3, A.6994, ITU-R M.1371-1 and DSC ITU R M.825. It also must comply with IEAC 61993-2 (type testing standard) and IEC 60945 (EMC and environmental conditions)

The Automatic Identification System must provide the following data:

- -MMSI (maritime mobile service Identity)
- -IMO Number
- -Call sign & vessel name
- -Length and beam
- -Type of ship
- -Location of position
- -fixing antenna on ship
- -Ship's position with accuracy indication and integrity status
- -UTC
- -COG, SOG and Heading
- -ROT (Rate of Turn)
- -Ship's draught
- -Navigation status
- -Hazardous cargo (type)
- -Destination and ETA (at captain's discretion
- -Short safety related messages and free messages

Delivery and Installation Requirements:

The Automatic Identification System must be delivered and properly installed along with the following associated equipment:

- -AIS Pilot Plug with 10 meter cable
- -Gyro Analog to Digital Converter, Digital Heading Repeater (external)
- -Combination Power and Data Cable Assembly, 2 meters
- -Display Flush Mounting Kit, Side Fastening, S-Type
- -Fastening Flush Mounting Kit, Front Fastening, F-Type
- -Display Mounting Bracket
- -Display Mounting Knob, Two Pieces Required
- -Display, Snap-On Front Cover
- -Antenna Pipe/Mast Mount, 1 inch
- -Antenna Cable Assembly, 2 x TNC-P, 15 Meters
- -Armored Antenna Cable, 2 x TNC-P, 30 Meters
- -Armored Antenna Cable, 2 x TNC-P, 50 Meters
- -GPS/VHF Combination Antenna with DB1 Junction Box
- -GPS Antenna (Shielded/IMO Compliant)
- -VHF Whip Antenna
- -UPS Power Supply

The Contractor shall fully install and test the AIS systems and all associated equipment on site. Listed below are the LADOTD owned vessels and their approx locations. The AIS systems and their installations must meet or exceed the USCG requirements.

MV Acadia (Ferry crossing, Cameron, La)

MV Ascension (A&Z Marine Port Allen La)

MV Iberville (Ferry crossing Reserve, La)

MV St Charles (Ferry crossing White Castle/Carville, La)

MV St Francisville (Ferry crossing New Roads/ St Francisville, La)

MV DW Griffith (Ferry crossing Cameron, La)

MV Ross A. Grande (Conrad Deep Water Shipyard Morgan City, La)

MV BJ Renaud (Ferry crossing Melville, La)

MV Prescott Foster (LADOTD Marine Fleetlanding, Plaquemine, La)

MV WF Cooper (Ferry crossing Duty/Enterprise, La)

Brand and Model Number:

This specification describes the Furuno FA150 or approved equal. The FA150 or approved equal is a shipborne Universal AIS (Automatic Identification System) Transponder capable of exchanging navigation and ship data between own ship and other ships or coastal station.

CONTRACTOR'S LIABILITY INSURANCE:

Proof of insurance should be supplied with the bid and will be required before work can commence.

Insurance coverage specified below shall be furnished with the following minimum limits:

<u>COMPENSATION INSURANCE</u>: The Contractor and Subcontractors shall take and maintain during the life of the contract Workman's Compensation Insurance for all of their employees employed at the site of the project. In case any class of employees engaged in hazardous work under the Workman's Compensation Statute, the Contractor and Subcontractor shall provide Employer's Liability Insurance for the protection of their employees not otherwise protected.

PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE: Comprehensive Public General Liability, including but not limited to bodily injury, property damage, contractual liability, products liability, completed operations and owner's protective liability with combined single limits of \$500,000 per occurrence with a minimum aggregate of \$1,000,000.

LICENSED AND NON-LICENSED MOTOR VEHICLES: The Contractor shall take out and maintain during the life of the contract, Automobile Public Liability Insurance in an amount not less than combined single limits of \$500,000 per occurrence for bodily injury/property damage. If any non-licensed motor vehicles are engaged in operations within the terms of the contract on the site of the work to perform there under, such insurance shall cover the use of all such motor vehicles engaged in operating within the terms of the contract on the site of the work to be performed there under, unless such coverage is included in the insurance specified.